

TRANSIM™

TRUCK DRIVING SIMULATOR

Cost-effective, best-in-class immersive training technology for commercial drivers.



Simulation-based training is a proven tool for pre-hire driver screening assessments, entry-level driver training, safety refresher training, and post-remediation training.

WHY SIMULATION

> Improve driver safety

Fleets that implement driving simulators significantly reduced preventable crashes and the severity of the crashes. Simulation training reinforces positive decision making and situational awareness through training in a realistic, risk-free environment. Complete, consistent, objective feedback on performance gives drivers the skills and confidence to drive more safely and more efficiently.

> Improve operational efficiency

Simulators have also proven to help reduce operational costs from fuel and vehicle damage repairs, training overhead, litigation, insurance premiums, etc. Optimize your training time and instructor costs all while improving driver recruiting and onboarding.

> Improve productivity

Spend more time doing the things that will help your fleet grow and less time spent dealing with bad PR, insurance claims, litigation, vehicle maintenance, out-of-service violations, and workman's comp. Training on simulators also keeps your vehicles on the road earning revenue, not in the shop, or tied up with training.

KEY BENEFITS

- > Critical tool in training and skills development for risk analysis, shifting, space management, backing, and hazard perception
- > Immersive training experience that promotes a higher transfer of learning and increased retention.
- > An opportunity to standardize your curriculum to ensure consistent, quality training across all drivers and locations.
- > Adjustable, progressively challenging skill development path to enhance skills, improve defensive driving techniques, and hone decision making skills.
- > An extensive library of customizable commercial trucking scenarios designed to address learning objectives relevant to CDL training objectives and individual drivers.
- > The ability to introduce CDL drivers to challenging situations that target skill development and increase the driver's situational awareness, self-awareness, and critical thinking skills.
- > Continual reinforcement of curriculum and key training areas by providing the ability for your students to practice and rehearse responses to dangerous situations in a safe, controlled environment.

IDEAL TRAINING TOOL FOR:

- > Decision-based skills training
- > Defensive driving
- > Space & speed management
- > Distracted driving
- > Close-quarter maneuvering
- > Backing procedures
- > Passing & lane changes
- > Negotiating intersections/turns
- > Situational Awareness
- > Congested traffic
- > Pedestrian awareness
- > Managing off road surfaces
- > Adverse conditions: night/fog
- > Rollover Prevention
- > Emergency maneuvers

Committed to professional driver safety, performance, & excellence through agile, innovative training technology.

KEY FEATURES

- > Redesigned cab based on a late model Freightliner Cascadia Evolution
- > A sharp and visually true 180° field-of-view on 4K Ready LCD displays create an immersive driving environment that combines the look and feel of a real commercial vehicle.
- > Modern real-time graphics engine delivers enhanced realism and high resolution environments to enhance visual cues and learning objectives.
- > Force-loaded steering provides real-time feedback to augment muscle memory in situations such as a tire blowing, hitting the curb or sloshing liquid loads.
- > Users can choose from a variety of predefined vehicle configurations using different combinations of tractor, trailer, engine, transmission, axle, etc.
- > Commercial motor vehicle learning environment includes a driving seat, steering wheel, ABS on brake, clutch and accelerator pedals to enhance realism and achieve better retention.

TECHNOLOGY FEATURES

- > Modern dash includes steering column/wheel with foot adjustments, Auto Transmission Lever (AMT), 3-point seat belt, and under-dash lighting
- > Train on modern commercial vehicle systems including e-coast, lane departure warning, collision avoidance and more
- > Multi-gear transmission provides economical shifting instruction that reduces equipment wear and tear.

- > Change the weather conditions (rain, snow, ice and fog), road/traffic environment to urban, suburban, rural, mountains, motorway, desert and the lighting conditions to day, night or twilight.
- > A digital dash allows you to load and operate a multitude of different vehicle types with accurate gauges and instrumentation giving greater flexibility and scalability.
- > Allows the student or instructor control of the simulator via touch screen at the Operators Console (OpCon) and offers simple and quick control to change vehicle type, scenarios, settings, and lesson plans.

INTEGRATED TRAINING SYSTEM

- > Performance assessment tools and ReplayStudio software enhance training effectiveness with the ability to replay student drives and view from different angles and perspectives to review driver reactions.
- > Design your own custom-tailored scenarios specific to incidents that occur in your fleet with our Scenario Builder™ tool.
- > Assess driving skills with our enhanced SkillSet™ Software to and record and score driver performance based on set objectives and triggered by rules and zones setup with the training scenarios.



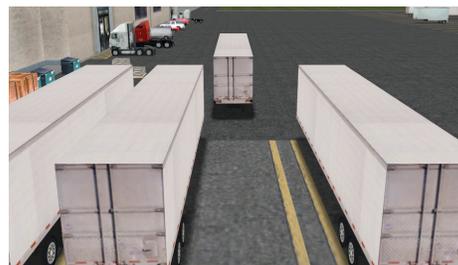
ADVERSE WEATHER CONDITIONS

Simulate environmental conditions, such as snow, fog, rain, wind, and ice.



CHALLENGING ENVIRONMENTS

Challenge driving skills for on- and off-road terrain.



MODERN VEHICLE SYSTEMS

Learn to utilize new safety systems and warning alerts like collision-avoidance .



SITUATIONAL AWARENESS

Recognize and anticipate hazardous driving situations in various environments

For more information visit L3Driver.com

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These item(s)/data have been reviewed in accordance with the International Traffic in Arms Regulations (ITAR), 22 CFR part 120.11, and the Export Administration Regulations (EAR), 15 CFR 734(3)(b)(3), and may be released without export restrictions.



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